IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Yoshihiro MIYAMOTO

Group Art Unit: 2615

Serial No.: 09/604,072

Examiner: Gary L. SOLOMON

Filed: June 26, 2000

Confirmation No.: 2708

For:

ICE WITH THE ELIMINATION OF SOLID-STATE IMAGES

THERMAL NOISE (as amended)

Attorney Docket No.: 000808

Customer Number:

SUBMISSION UNDER 37 C.F.R. §1.114

OCT 1 3 2004

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Technology Center 2600

October 8, 2004

Sir:

This Submission is being filed concurrently with a Request for Continued Examination pursuant to 37 C.F.R. §1.114. Please amend the claims as follows.

Amendments to the Title begins at page 2 of this paper.

Amendments to the Specification begins at page 3 of this paper.

Amendments to the Drawings begin on page 4 of this paper.

Amendments to the Claims are reflected in the list of claims which begins on page 5 of this paper.

Remarks begin on page 9 of this paper.

An Appendix including a Replacement Sheet for amended drawings figures 7 and 8 is attached following page 13 of this paper.